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(54) Title: SHELL FOR BALLISTIC HELMET

(57) Abstract: A shell for ballistic helmet formed from a plurality of paraaramide fabric layers such as KEVLAR-KM2®, and bonding resin. All fabric layers have areal density less than 200g/m², preferably part of them have areal density less than 160g/m². The number of paraaramide layers is greater than 28, preferably 38 and more. The bonding resin constitutes less than 12% of the shell weight. The shell has average thickness less than 6.5 mm and average areal density less than 7.5 Kg/m². A method for the production of such shells includes pressing and bonding the plurality of layers at pressure equal to or above 150Kg/cm², preferably above 300Kg/cm².